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OCT 27 2003
TC 1700

Amendment to Claims

This listing of Claims will replace all prior versions and listings of claims in this Application.

Listing of Claims

Claims 1-5 Cancelled

Claim 6. (Currently Amended): A dual spray-deposition method of making a multilayer helmet shell employing, in appropriate succession as support structures, a female cavity, and a associated male mandrel comprising:

utilizing an appropriate, generally sheet-like body of a first selected material, shaping and configurationally supporting a generally helmet-shaped central structural core layer having inner and outer surfaces, and forming a first precursor helmet shell[.,,];

while so supporting ~~that~~ the core layer selectively on one of the mentioned support structures , assuring the substantially full-access exposure of at least one of such surfaces[.,,];

directing toward such at least one surface a spray of a first, selected, vapor-suspension deposition material to form on, and joined to, ~~that the~~ at least one surface a structural layer[.,,] which ~~layer~~, along with the core layer, form a second precursor helmet shell[.,,];

thereafter, supporting the second precursor helmet shell on the other mentioned support structure so as to assuring assure the substantially full-access exposure of the other one of such surfaces[.,,];and

then directing toward such other surface a spray of a second, selected, vapor-suspension deposition material to form on, and suitably joined to, ~~that the~~ the other surface a third structural layer, thus completing the fabrication of the intended, finished helmet shell.

Claims 7 - 9 Cancelled

Claim 10. (Currently Amended) A method of making a multilayer helmet shell comprising:

in a generally helmet-shaped female cavity, ~~placing a generally form-fitting, structural,~~
~~forming a~~ pliable layer of a selected ~~central-core~~ material so that the same generally takes the to
form of a central core having a helmet shape ~~having and~~ an exposed inner surface[[],];

directing a spray of a first, selected, vapor-suspension deposition material onto the exposed
inner surface of the core ~~material~~ in the cavity to form a structural inner layer which bonds to ~~that~~
the inner surface, and which generally stabilizes, into a helmet shape, the ~~three-dimensional~~
~~configuration of the~~ combined core ~~material~~ and inner layer[[],];

removing the joined central core material and inner layer from the cavity, and placing this
assembly onto a generally helmet-shaped male mandrel, with the core ~~material~~ having an exposed
outer surface[[],];

directing a spray of a second, selected, vapor-suspension deposition material onto the
exposed outer surface of the core ~~material~~ to form a structural outer layer which bonds to ~~that the~~
outer surface, and which collectively, with the inner layer, forms a substantially fully encapsulating
jacket around the core ~~material~~[[],]; and

removing from the mandrel, as a finished helmet shell, the assembly of the inner layer, the
core ~~material~~, and the outer layer.

Claims 11 - 15 Cancelled